IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Vijayakumaran NAIR et al.

Art Unit: TBA

Appl. No: TBA

Examiner: TBA

Confirmation No: TBA

Filed: December 31, 2003

Atty. Docket No: 42339-198337

For:

SUPPLYING A RAMP VOLTAGE

TO AN AMPLIFIER

Customer No:

26694

Information Disclosure Statement

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This is an Information Disclosure Statement submitted under 37 C.F.R. § 1.97 within the time specified under 37 C.F.R. § 1.97(b).

In order to comply with Applicants' duty of disclosure under 37 C.F.R. § 1.56, the U.S. Patent and Trademark Office is notified of the documents listed on the attached Form PTO-1449, which the Examiner may deem relevant to the patentability of the claims of the above-identified application. A copy of documents are submitted herewith.

The present Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits, and therefore no Statement Under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

Applicants: Vijayakumaran NAIR et al.

In view of the above, no further translation or statement of relevance is required and, as all requirements of 37 C.F.R. § 1.97 and all official guide lines pertaining to Information Disclosure Statements have been complied with, it is therefore respectfully requested that the Examiner consider the documents and make them of record.

Respectfully submitted,

Date: 12-31-2003

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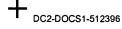
Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute	for form 1449A/PTC)	_	Complete if Known			
				Application Number	Not yet assigned		
INFO	RMATION	DIS	CLOSURE	Filing Date	December 31, 2003		
STAT	TEMENT B	Y A	PPLICANT	First Named Inventor	Vijayakumaran NAIR et al.		
				Group Art Unit	Not yet assigned		
	(use as many she	ets as	necessary)	Examiner Name	Not yet assigned		
Sheet	1	of	1	Attorney Docket Number	42339-198337		

				U.S. F	ATENT DOCU	MENTS						
Examiner Initials *	Cite No.1		tent Document Kind Code ²		Patentee or Applicant ited Document	Date of Publication of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant				
		Number	(if known)			MM-DD-YYYY						
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	A1	Low Volta	Low Voltage, Stereo DAC with Headphone Amp, July 2002, pages. 1-36, CS43L43, CIRRUS LOGIC, Austin, Texas									
	A2	PCM code	PCM codec IC for digital cellular telephones, pages 599-609, BU8733KV, ROHM, Communication ICs.									
	A3	PCM code	PCM codec IC for digital cellular telephones, pgs. 610-620, BU8731KV, ROHM.									
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.





¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.